

# **RUHS**

## **Third Year MBBS Examination III MBBS Community Medicine Paper I**

**Time: 3 hours**

**Max Marks: 60**

**Date: 09-02-2022**

**Instructions: INSTRUCTIONS: Attempt all questions in both sections: (Use separate answer book for each section)**

### **Section 1**

**1. Write in brief stepwise investigation for outbreak of cholera in your state. (10)**

**2. Write as required below? (10)**

- a) Chi-square test.
- b) Human development index.
- c) Measurement of morbidity
- d) Water-related diseases.

**3. Describe briefly: (10)**

- a) Mosquito control measures
- b) Pneumoconiosis.
- c) Sensitivity and specificity

d) Web of causation

**4. Attempt within 20-25 words:  $10 \times 1 = 10$**

- a) Epidemic. (10)
- b) PQLI
- c) Diseases transmitted by hard tick
- d) Rehabilitation.
- e) Define pollution.
- f) Secondary attack rate.
- g) Mentally healthy parson.
- h) Positive predictive value.
- i) What is isolation?
- j) What is elimination?

## **Section 2**

**5. Describe in brief various measures for prevention of occupational diseases (10)**

**6. Describe briefly: (10)**

- a) Radiation hazards
- b) Medical benefits under ESI Act
- c) Human reservoir.
- d) Sullivan's index

**7. Write in short: (10)**

- a) Household disinfection of water
- b) Uses of screening
- c) Housefly.
- d) Types of epidemiological studies.

**8. Attempt within 20-25 words:  $10 \times 1 = 10$**

- a) Cyclo-propagative transmission. (10)
- b) Proportional mortality rate
- c) Emporiatrics.
- d) Sanitary barrier.
- e) Incubation Period
- f) Relative risk
- g) Pre-current disinfection.
- h) Bagassosis
- i) Define sterilization.
- j) PIE chart.